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PATENT

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Russell, et al.
U.S. Serial No.: 09/043,665
Filed (U.S.): October 5, 1998
Entitled: "Materials and Methods Relating to the
Transfer of Nucleic Acid Into Quiescent
Cells"

Examiner: R. Shukla, Ph.D.

Group: 1632

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Attorney Docket No.: 4219/1340 (formerly 3789/81421)

Commissioner for Patents and Trademarks
Washington, D.C. 20231

AMENDMENT

Sir:

This amendment is filed in response to the Office Action mailed in the above-noted U.S. patent application on June 18, 2001. Please enter the following amendments and remarks.

In the Claims:

Please replace claims 1, 5, 7 and 11 with the following amended claims 1, 5, 7 and 11:

5-17
a1
1. (Twice Amended) A method of transforming a population of quiescent cells with a nucleic acid encoding a polypeptide for treating a disease or disorder, the method comprising:

exposing a population of quiescent cells in vitro to a retroviral packaging cell expressing nucleic acid encoding a growth factor so that the growth factor is displayed on the surface of the retroviral packaging cell, the retroviral packaging cell carrying a vector comprising the nucleic acid encoding the polypeptide for treating the disease or disorder, wherein said vector does not encode said growth factor, and